Joint Sea Basing Experimentation Design

Sea Viking 04

Experiment Design Working Group

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#2 - Inform the Joint Sea Basing (JSB) component of the Joint Force Projection & Sustainment (JFP&S) Concept by assessing/evaluating:

- (1) Joint C2 capabilities/architectures integrating all forces in the JOA including those associated with the JSB
- (4) Capabilities required of 2015+ JSB platforms & connectors to enable joint/multinational/inter-agency interdependence/interoperability
- (2) JSB command relationships (role of JFMCC, designation of JSB commander/coordinator, combined logistics commander, etc)
- (5) JSB force protection requirements (integration of land, maritime, and air/space based protection assets – “Joint Shield”)
- (6) JSB as combined “operational support base” (sustainment, mobility, maintenance, medical, reconstitution, C2, etc)
- (3) JSB capability to rapidly combine/reconstitute force capabilities across Services, Agencies, Multi-national partners
- (7) JSB contribution to ability of joint force to effectively “sense, adapt, and respond” to emerging opportunities (operations and logistics)
- (8) Integration of JSB into a broader “global adaptive power projection system” of adaptive basing, global C2, etc

Other considerations

- SME’s on CONOPS teams and in game organization (White Cell, SOAP, etc) for “maritime dimension” of JSB
- Develop metrics to assess the effectiveness of sea based joint power projection such as rate of capabilities/effects generation, etc
- Develop metrics to assess the relative merits of remaining in a sea based mode vs. seizing & holding lodgments for follow on forces (APODS/SPODS, etc)

BACKUPS

JSB Experimentation Hypothesis

IF a coherently joint expeditionary force is rapidly deployed, employed, sustained, and reconstituted/re-employed from a joint sea base .....

AND operations and logistics are interrelated and networked through an adaptive command and control infrastructure ....

AND with the necessary connectors and interdependent nodes, platforms, and capabilities .....

THEN sufficient combat capability can be applied earlier to deter conflict and/or rapidly set the conditions for defeating an adaptive,

Sample experimentation questions for Joint Sea Basing (JSB)

What contributions could JSB make to the rapid and seamless constitution, projection, sustainment, a re-constitution of a coherently joint force?

How would JSB contribute to adaptively generating, projecting, and sustaining joint force capabilities

How would JSB contribute to rapidly generating desired effects and early conflict resolution?

How would JSB contribute to providing real options to the JFC?

How would JSB contribute to countering anti-access strategies?

How would JSB contribute to eliminating operational pauses?

How would JSB contribute to the success of Joint Forcible Entry Operations?

How would JSB contribute to the success of Joint Transition Operations?

What are the factors involved in determining when/if to transition from operations exclusively from th operations supported by fixed facilities ashore (APODS/SPODS, etc)

How would JSB contribute to closer integration/synchronization of operations and logistics in joint forc projection/sustainment?

How would joint C2 need to be modified for JSB operations? (integration with Navy FORCENet, etc)

How would the JSB receive force protection? (integration with Navy Sea Shield, etc)

What additions/changes to future Service sea basing platforms (MPF-F, ARF, AFSB, Prepo ships, etc) w be required in order for them to be interdependent in supporting a coherently joint CONOPS?

What changes (doctrine, training, equipment, etc.) to future Service forces (MEB, UA/UE, AEF, SOF, et and CONOPS would be required in order for them to operate interdependently from the JSB?

How would the JSB be linked to the global supply/distribution system?

What role would shallow draft, high speed vessels (both strategic & intra-theater) play as “connectors

What value would accrue from the capability to support the JSB via strategic airlift/sealift?

How would JSB sustain heavy ground forces engaged in distributed, non-contiguous operations at gre distances inland? (fuel, water, ammunition, medical, etc). Limiting factors? Risks? Technology enable

How could JSB support projection of other elements of national power? (DIME)

How could the operations of the Department of Homeland Security (USCG/”Deepwater”, etc) and DOI integrated via the JSB?

How would the JSB contribute to rapid force regeneration and redeployment?

How would the JSB contribute to minimizing battlefield casualties/force health protection?

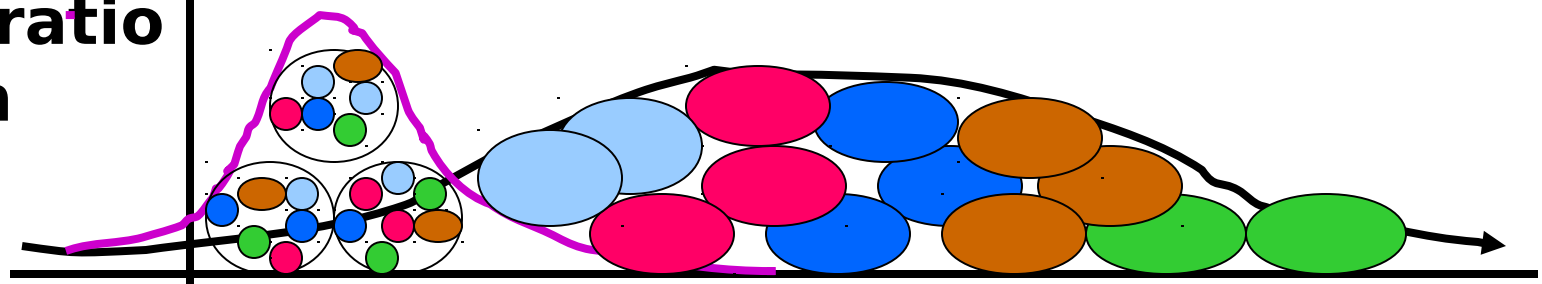
How would JSB-based capabilities contribute to JISR? (UAV’s, etc)

Joint Sea Basing

Contribution to early conflict resolution

Combat Capability and desired effects generation

How? “Pro Bowl team concept”; mix & match world class capabilities; highly synchronized, networked, adaptable & interdependent



Time